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- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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(54) Title: 9-AZABICYCLO[3.3.1]NON-6-EE DERIVATIVES WITH A HETEROATOM AT THE 3-POSITION AS RENIN INHIBITORS

(57) Abstract: The invention relates to novel 9-azabicyclo[3.3.1]nonene derivatives and related compounds and their use as active ingredients in the preparation of pharmaceutical compositions. The invention also concerns related aspects including processes for the preparation of the compounds, pharmaceutical compositions containing one or more of those compounds and especially their use as inhibitors of renin.

INTERNATIONAL SEARCH REPORT

In	national Application No
PCT/EP2004/004371	

A. CLASSIFICATION OF SUBJECT MATTER	
IPC 7 A61P9/00	A61K31/5386 A61K31/547 C07D513/08 C07D498/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97/09311 A (HOFFMANN LA ROCHE) 13 March 1997 (1997-03-13) claims 1-25 -----	1-10
A	US 3 509 161 A (DOLD OTTO ET AL) 28 April 1970 (1970-04-28) column 8, lines 1-65 -----	1-10
A	CHEN, ZHENGMING ET AL: "Synthesis and Dopamine Transporter Affinity of 2-(Methoxycarbonyl)-9-methyl-3-phenyl-9-azabicyclo[3.3.1]nonane Derivatives" JOURNAL OF MEDICINAL CHEMISTRY , 39(24), 4744-4749 CODEN: JMCMAR; ISSN: 0022-2623, 1996, XP002291893 the whole document ----- -/-	1-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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- *E* earlier document but published on or after the International filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
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Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Schuemacher, A

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Int'l	Application No.
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,Y	WO 03/093267 A1 (ACTELION PHARMACEUTICALS LTD., SWITZ.) 13 November 2003 (2003-11-13) claims 1-12 -----	1-10
P,Y	WO 2004/002957 A (REMEN LUBOS ; WELLER THOMAS (CH); BUR DANIEL (CH); FISCHLI WALTER (CH)) 8 January 2004 (2004-01-08) claims 1-10 -----	1-10

INTERNATIONAL SEARCH REPORT

tional application No.
PCT/EP2004/004371

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 8-10 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple Inventions in this International application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the Invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte	al Application No
PCT/EP2004/004371	

Patent document cited in search report	Publication date		Patent family member(s)	Publication date	
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